



Revised 9/92

MATERIAL SAFETY DATA SHEET

PPS PACKAGING COMPANY

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: #303 COOLER GUARD
MANUFACTURER NAME: PPS PACKAGING COMPANY
3189 E. MANNING AVENUE
FOWLER, CA 93625-0427
EMERGENCY PHONE #: (209) 834-1641

SECTION II - HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>OTHER</u>	<u>§</u>
NTA CAS # 18662-53-8	NONE	NONE	1	5
BIO QUAT 80-40 CAS # MIXTURE	NONE	NONE	NONE	2

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A VAPOR PRESSURE (MM): NIL
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY (WATER = 1): 1.01
EVAPORATION RATE (BUAC-1): < 1
APPEARANCE AND ODOR: LIGHT PINK LIQUID; ODORLESS

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: NONE FLAMMABLE LIMITS - UEL: N/A LEL: N/A

EXTINGUISHING MEDIA: THIS MATERIAL IS NOT COMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NTA DUST MAY BE AN EXPLOSION HAZARD. THE IGNITION TEMPERATURE FOR AN NTA DUST CLOUD IS 1060 DEG F. EXTINGUISH ALL NEARBY SOURCES OF IGNITION.

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SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXCESSIVE HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): ACIDS, OXIDIZING MATERIALS AND ALUMINUM.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN AND OXIDES OF SODIUM

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: SKIN OR EYE CONTACT

CHRONIC EFFECTS OF EXPOSURE: NO SPECIFIC INFORMATION AVAILABLE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE REPORTED

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: IMMEDIATELY WASH WITH LARGE AMOUNTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING

EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

SECTION VII - PREVENTIVE MEASURES, SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURES: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, GLOVES, APRON AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS, MOP OR WIPE UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, CONTAIN BY DIKING WITH OIL AND THEN PUMP INTO DOT-APPROVED WATER CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOIL.

WASTE DISPOSAL METHOD: DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS. EMPTY CONTAINERS CAN HAVE RESIDUE, GASES, AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

OTHER: ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF FULL.

SECTION VIII - CONTROL MEASURES/PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF USE CONDITIONS GENERATE DUSTS, WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR THOSE EMISSION LEVELS. APPROPRIATE RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATOR WITH PARTICULATE FILTERS, A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR.

VENTILATION: LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MINIMIZING DUST EMISSIONS AT THE POINT OF USE.

PROTECTIVE CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, SAFETY SHOES, RUBBER GLOVES, AND RUBBER APRON.

EYE PROTECTION: CHEMICAL GOGGLES UNLESS A FULL FACEPIECE RESPIRATOR IS ALSO WORN. IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.

OTHER PROTECTIVE EQUIPMENT: AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.